PTO/SB/08A (08-00)

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Please type a plus sign (+) inside this box

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Comple	Complete if Known		
Application Number	09/912,262		
Filing Date	JULY 24, 2001		
First Named Inventor	ROGER L. SCHULTZ		
Group Art Unit	UNASSIGNED		
Examiner Name	UNASSIGNED		
Attorney Docket Number	2000IP000069U1USA		

				U.S. PATENT DOCL	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TIN		5,982,70		PEARCE	11-09-99	
14		4,669,06	i8	KLATT	05-26-87	Company of the Compan
\forall		4,387,31	18	KOLM et al.	06-07-83	

				FORE	IGN PATENT DOCUMENT	TS .		
Examiner Initials*	Cite No.1	Office ³	Foreign Patent Docu Number ⁴		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6
M		wo	97/01018	Α	BAKER HUGHES	01-09-97		
								-
		 -						
			······································					
				_ _				+
	1	1 1		1 1		L		

				· · · · · · · · · · · · · · · · · · ·
Examiner	010.1.	Date	0/201	(カラ
Signature	/ wen	Considered	9/301	02

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.





Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)
Please type a plus sign (+) inside this box

+ Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	•		
Sheet	1	of	2

Complete if Known		
Application Number	UNASSIGNED	
Filing Date	HEREWITH	
First Named Inventor	ROGER L. SCHULTZ	
Group Art Unit	UNASSIGNED	
Examiner Name	UNASSIGNED	
Attorney Docket Number	2000 P000069U1USA	

				U.S. PATENT DOCL	JMENTS	
Examiner Initials*	Cite No.1	U.S. Patent Docum Kind C Number (it kno	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,491,738	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	KAMP	01-01-85	To part of the state of the sta
		5,353,873		COOKE, JR.	10-11-94	
		5,839,508		TUBEL et al.	11-24-98	And the second s
		6,011,346		BUCHANAN et al.	01-04-00	
		3,970,877		RUSSELL et al.	07-20-76	Chambre
		4,518,888		ZABCIK	05-21-85	17
		4,246,765		ZABCIK	01-27-81	No. of the last of
		3,448,305		J. RAYNAL et al.	06-03-69	The state of the s
		5,965,964		SKINNER et al.	10-12-99	
		4,772,813		MOHRI et al.	09-20-88	
		3,558,936		JOHN J. HORAN	01-26-71	1
		4,158,368		CLARK	06-19-79	Campanagaman
		5,317,223		KIESEWETTER et al.	05-31-94	Angelia and and and and and and and and and an
	ļ					
	}		1			
	<u> </u>		1 1			
	 		1 1			

				FORE	GN PATENT DOCUMEN	rs		
		F	Foreign Patent Docu	ment	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ⁶
7U		GB	2,153,410	A	LICENTIA - PATENT	08-21-85	With the same of t	
1		JP	09163771	A	BROTHER KOGYO	06-20-97		
V		FR	2626729	А	GUERIN	08-04-89	and the second s	-
								├-
		 						
<u> </u>		 						
		+						<u> </u>
							· · · · · · · · · · · · · · · · · ·	-
				1 1		1		

4	Fireminas		Date 0/20/02	
	Examiner		Considered 4/3///	
Į	Signature	M Class	Considered 7/30/02	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box 🛶	+	

PTO/SB/08B (08-00)
Please type a plus sign (+) inside this box ->

+
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

0 1 44.44	for form	1440B/DTO
Substitute	tor torm	1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

Complete if Known		
Application Number	UNASSIGNED	
Filing Date	HEREWITH	
First Named Inventor	ROGER L. SCHULTZ	
Group Art Unit	UNASSIGNED	
Examiner Name	UNASSIGNED	
Attorney Docket Number	2000IP000069U1USA	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s),					
aminer tials*	Cite No.1	publisher, city and/or country where published.			
^		ETREMA PRODUCTS, INC., PRODUCT BROCHURE; UNDATED	1		
TW			1		
		JOHN V. BOUYOUCOS, "SELF-EXCITED HYDRODYNAMIC OSCILLATORS", NR-014-903, TECHNICAL MEMORANDUM;	T		
BV	 	DATED JULY 31, 1955			
			\downarrow		
	0.		+-		
			_		
			1		
	-				
	+		1		
			-		
	1				

Examiner Signature	allakes	Date Considered	9/30/02
Signature			

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.